

تليميكانيك
زليو لوجيك
الريلاى الذكى



b

ffff - S

المحتويات

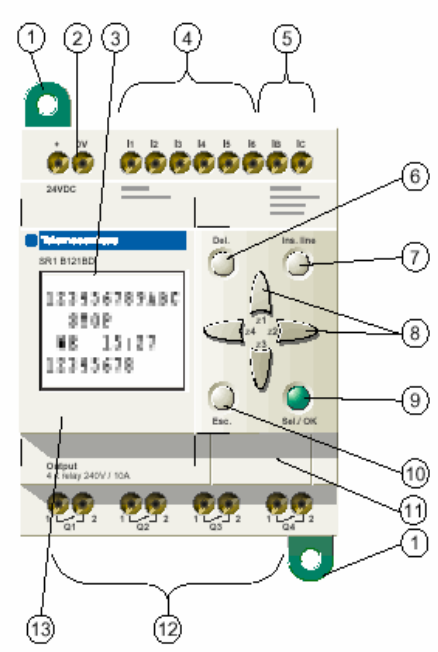
3		-1
4		-2
5		-3
6		-4
	:	-5
7	(
8	(
9		-6
	:	-7
13	(
15	(
16	(
17	(
.....		-8
18	(
19	(
20.....(ATS)	(

:

-
-

(SR1..... FU 240/100) SR1....D 24)

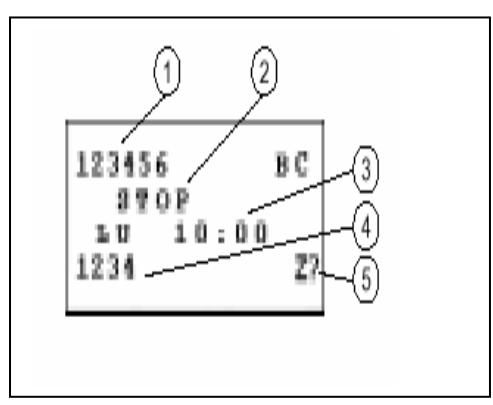
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12



.(10 –)

] [(Push button)

:



.*

(– –) *

- 1
- 2
- 3
- 4
- 5

الطرازات



SR1-B121BD



SR1-A201BD



SR1-E121BD

Smart relays

Number of I/O	Discrete inputs	Outputs	Clock	Reference	Weight kg
Supply — 12 V					
12	8 I — 12 V (1)	4 O relay	Yes	SR1-B121JD	0.290
Supply — 24 V					
10	6 I — 24 V	4 O relay	No	SR1-A101BD	0.290
12	8 I — 24 V (1)	4 O relay	Yes	SR1-B121BD	0.290
		4 O transistor	Yes	SR1-B122BD	0.290
20	12 I — 24 V	8 O relay	No	SR1-A201BD	0.350
	12 I — 24 V (1)	8 O relay	Yes	SR1-B201BD	0.350
Supply — 100/240 V					
10	6 I ~ 100/240 V	4 O relay	No	SR1-A101FU	0.290
			Yes	SR1-B101FU	0.290
20	12 I ~ 100/240 V	8 O relay	No	SR1-A201FU	0.350
			Yes	SR1-B201FU	0.350

Smart relays without display and without buttons

Supply — 24 V					
10	6 I — 24 V	4 O relay	No	SR1-D101BD	0.270
12	8 I — 24 V (1)	4 O relay	Yes	SR1-E121BD	0.270
Supply — 100/240 V					
10	6 I ~ 100/240 V	4 O relay	No	SR1-D101FU	0.270
			Yes	SR1-E101FU	0.270

Separate accessory

Description	Reference	Weight kg
EEPROM memory	SR1-MEM01	0.001

CD-ROM + Cable

SR1KIT01

Documentation

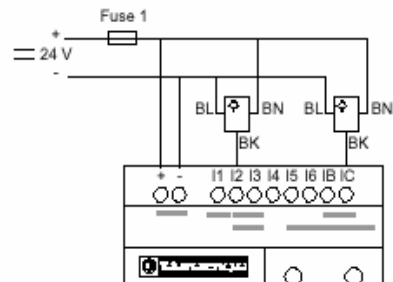
Description	Language	Reference	Weight kg
User's guide for direct programming on the smart relay	English	SR1-MAN01EN	0.100
	French	SR1-MAN01FR	0.100
	German	SR1-MAN01DE	0.100
	Spanish	SR1-MAN01ES	0.100
	Italian	SR1-MAN01IT	0.100

(1) Including 2 configurable analogue inputs.

التوصيلات






Discrete inputs and outputs	Analog inputs
SR1-101BD SR1-201BD	
SR1-101FU SR1-201FU	

Three-wire connection



أزرار الأوامر

:

المفتاح	الوصف
	
	
	<p>•</p> <p>•</p> <p>(Timer, Counter,....)</p> <p>•</p> <p>•</p>
	
	<p>(- - -)</p> <p>(●) (■) (<)</p>

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الوظائف الرئيسية

"<"

-
-

القائمة الرئيسية

القائمة	الوصف
Timer SET	/
Program.	(Password)
Paramet.	.(Timer, Counter,..)
Visu.	
/ RUN/STOP	: RUN : Stop
Config	.(

(Passwords)	Clear Prog.
-------------	--------------------

القائمة	الوصف
Transfer	:PC<module Module <PC Mem< module (EEPROM) module<Mem (EEPROM)
Prog. Info.	(Ladder)

.(Configuration menu)

	PASSWORD
	LANGUAGE
	FILT
	Z_x Z_x = KEYS
	HELP

(Digital inputs)

)	12 1	N/0	I_{No}
		N/C	i_{No}

المخرجات

(Contact)

.	8 1	(N/0)	Q_N
		(N/C)	q_N

(Coil)

	81	$[Q_N^o]$
		$\lceil Q_N^o$
		SQ_N^o
		RQ_N^o

(Timer)

13	81	N/0	T_{No}
		N/C	t_{No}

(Counter)

15

	8 1	N/0	C _{No}
		N/C	c _{No}

(Analogue input)

()	8 1	N/0	A _N
		N/C	a _{No}
17			

(Auxiliary Relay)

	15	M_{No} m_{No}

.(Arrow Keys)

		N/0	Z_{No}
Z1	4	N/C	Z_{No}
Z2	1		
Z3			
Z4			

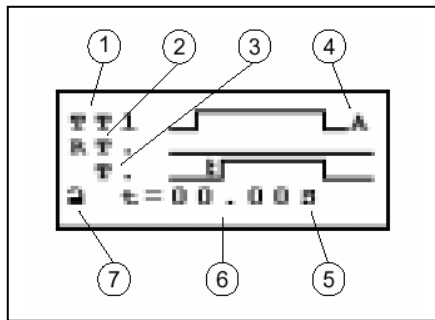
(Clock)

16

الوصف	العدد	الوظيفة	الشكل
	4	N/0	No 
		N/C	No 


الوصف المفصل لبعض الوظائف

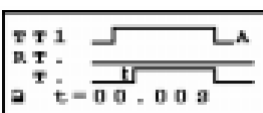

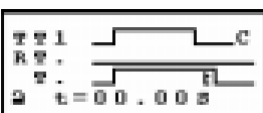
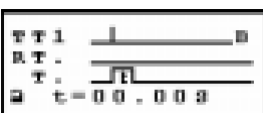

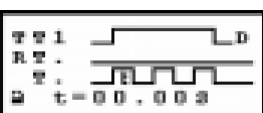

1- المؤقت الزمني (Timers)




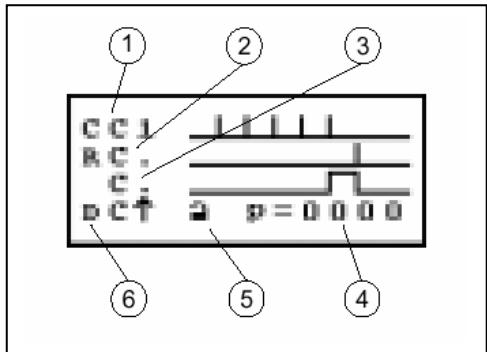
- 1 .
- 2 .(Reset)
- 3 .
- 4 .
- 5 (.....)
- 6 .
- 7 .

TT	
RT)
Type	ص 14 8
t=00.00	.
S	max. 99.99 100/1
S	max. 999.9 10/1

M:S	max.	99.09	/
H:M	max.	99.09	/
			
T or t			

	A	On delay timer
	a	(Pulse) .(Reset) On delay with pulse and reset
	C	Off delay
	B	Pulse with pulse on
	W	Pulse with pulse off
	D	Flashing ()
	d	Reset

		Flashing with pulse .
	T	<p>(50)</p> <p>Time on addition.</p>



2- العداد (Counter)

- 1
- 2 (Reset)
- 3
- 4
- 5
- 6 (Down/Up)

CC	I1 ——— CC1	
RC	I2 ——— RCI	
DC	I3 ——— DCI	
p=0000	0005	(9999)

2		
C or c	C1 ————[Q,	

3- الساعة الحقيقية (SR1B....)

:)

(

.()

-1

-2

-3

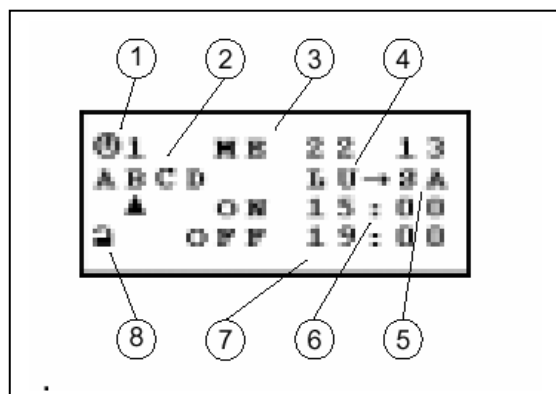
-4

-5

-6

-7

-8

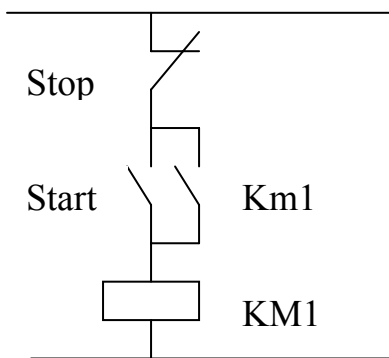


		1
D C B A		2
.()		3
		4
		5
		6
		7
		8

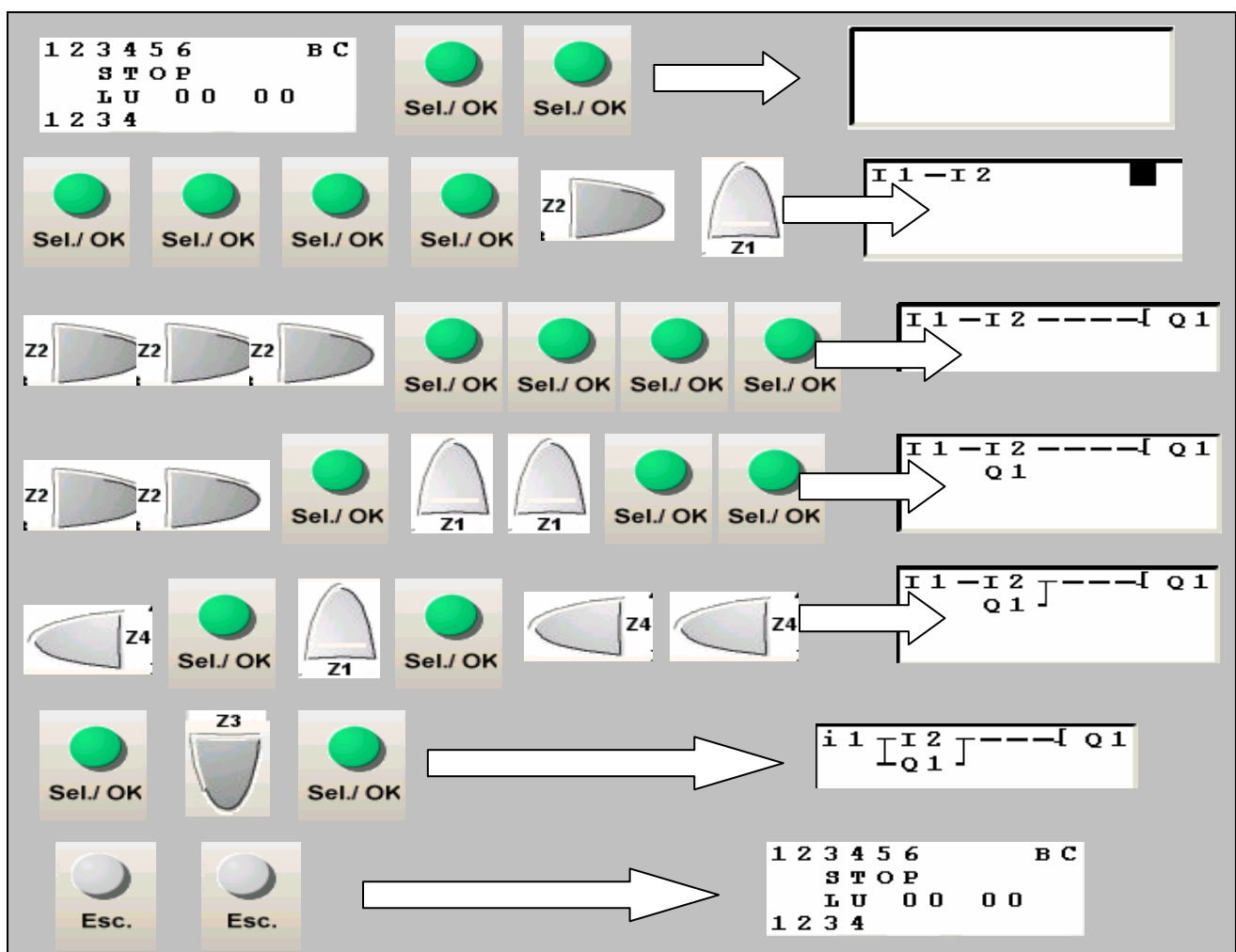
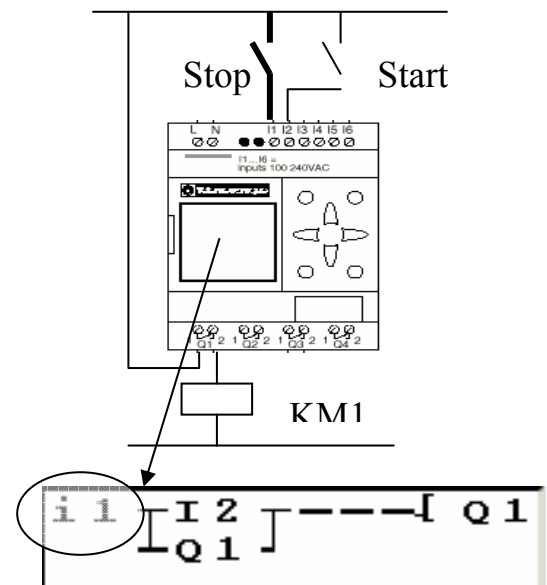
- 10 – 2 (SR1..BD) •
 (.....) •
 () •
 •

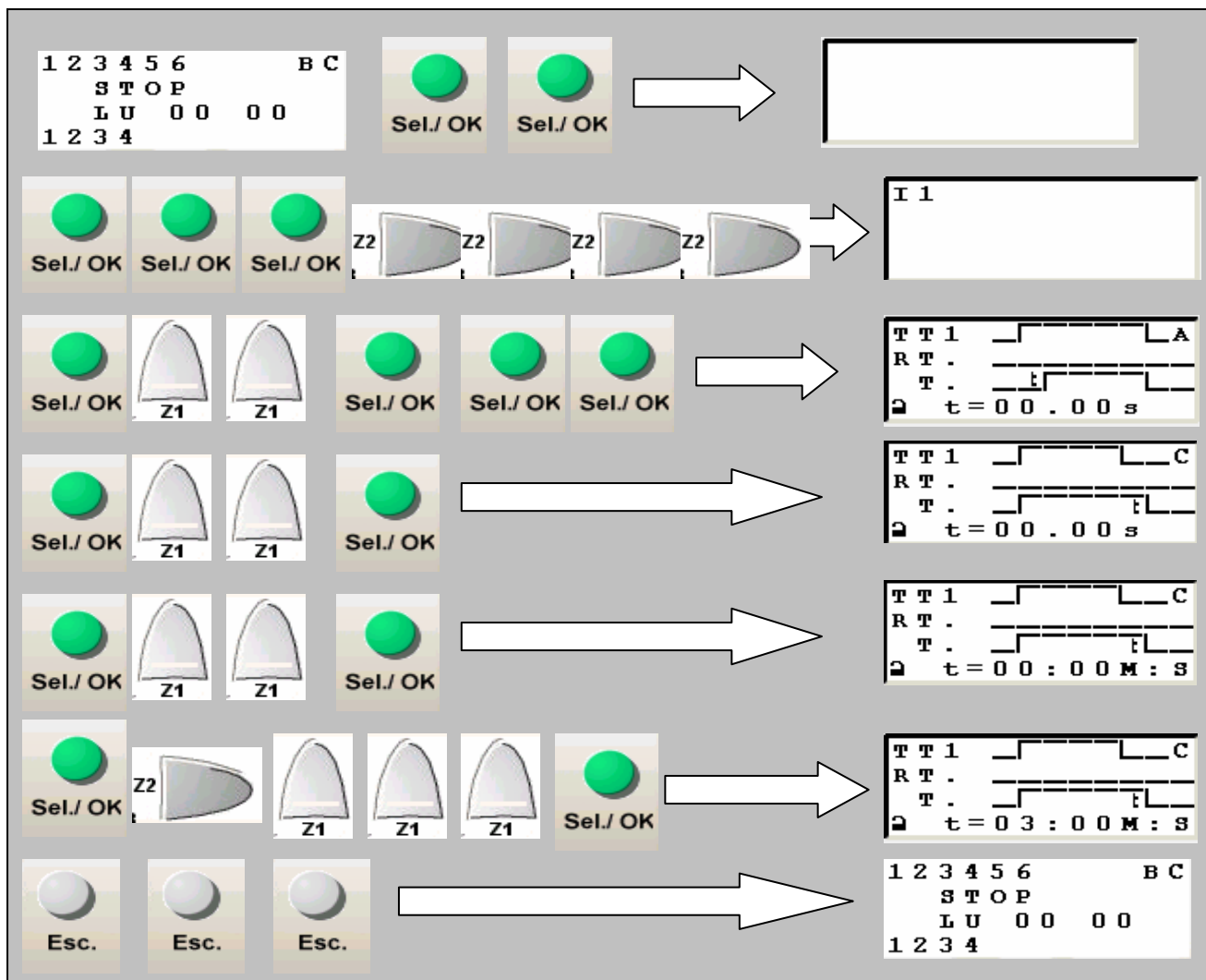
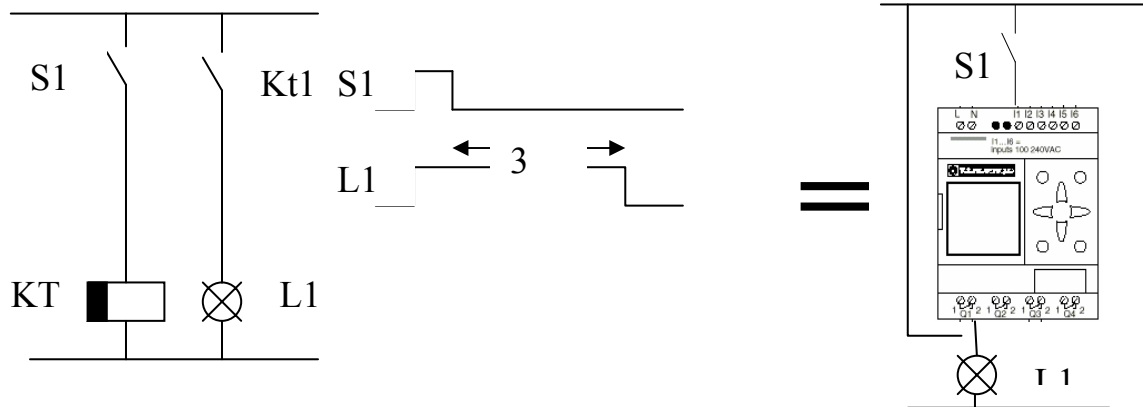
<div> $IB \leq Ref$ A1 Analog1 Ref=4.9V </div>	A1 IB
<div> $IB \geq Ref$ A1 Analog2 Ref=4.9V </div>	A1 IB
<div> $IC \leq Ref$ A1 Analog3 Ref=4.9V </div>	A1 IC
<div> $IC \geq Ref$ A1 Analog4 Ref=4.9V </div>	A1 IC
<div> $IB \leq IC$ A1 Analog5 </div>	A1 IC IB
<div> $IB \geq IC$ A1 Analog6 </div>	A1 IC IB
<div> $IC-H \leq IB \leq IC+H$ A1 Analog7 H=4.9V </div>	A1 IC-H IC+H IB H

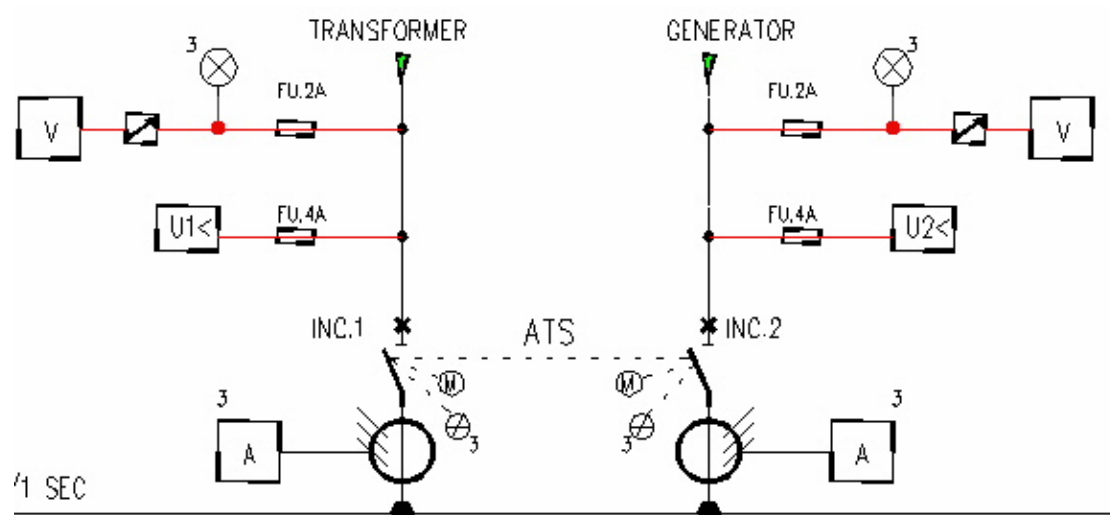
-1



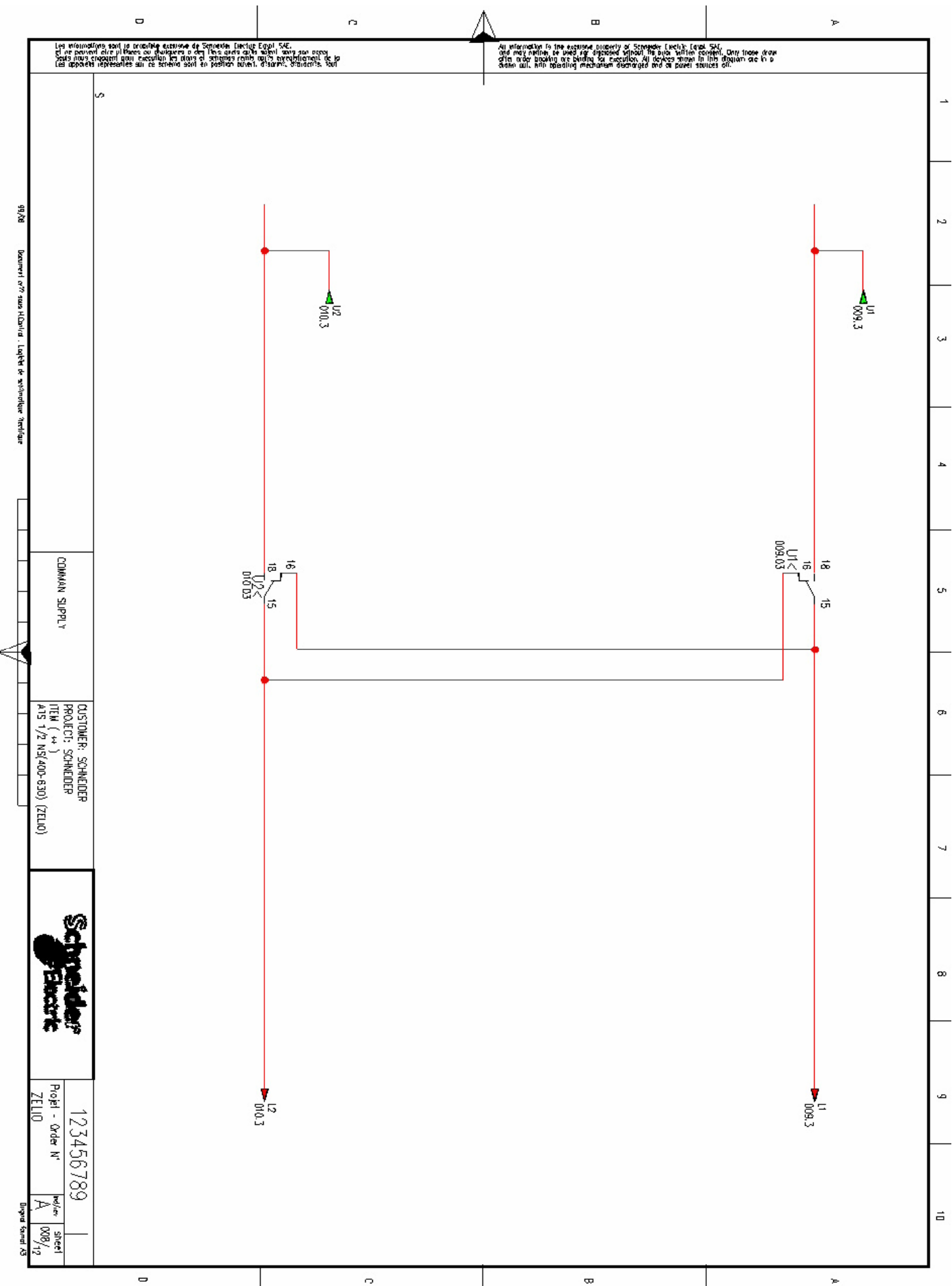
=





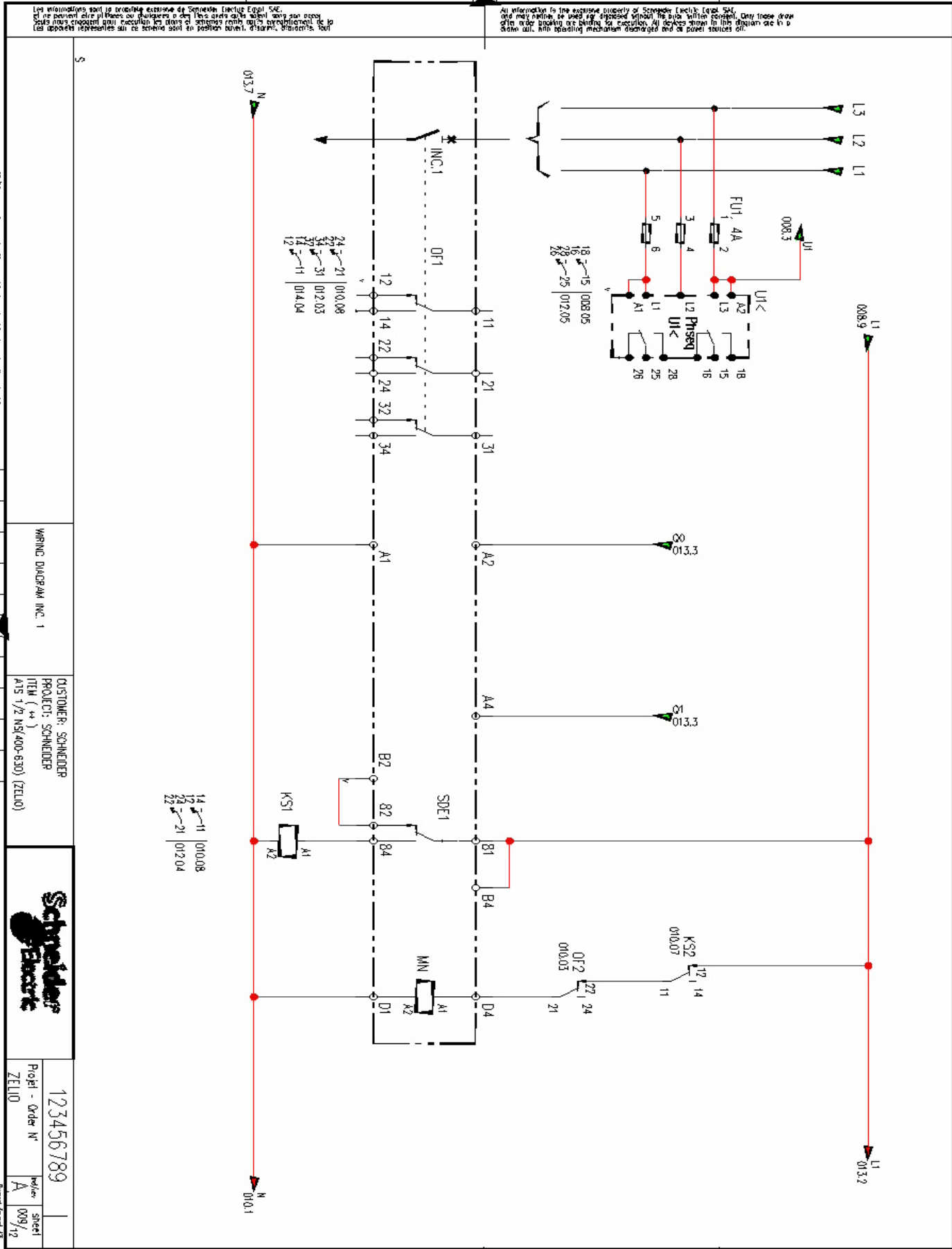


INC.1		INC.2
+++A		+++A
NS++++		NS++++
3P		3P
+++++		+++++
MOTOR+ MN+OF SDE.		MOTOR+ MN+OF SDE.



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WIRING DIAGRAM INC. 1

CUSTOMER: SCHNEIDER
PROJECT: SCHNEIDER
ITEM (4)
ATS 1/2 NSI(400-630) (ZELIO)

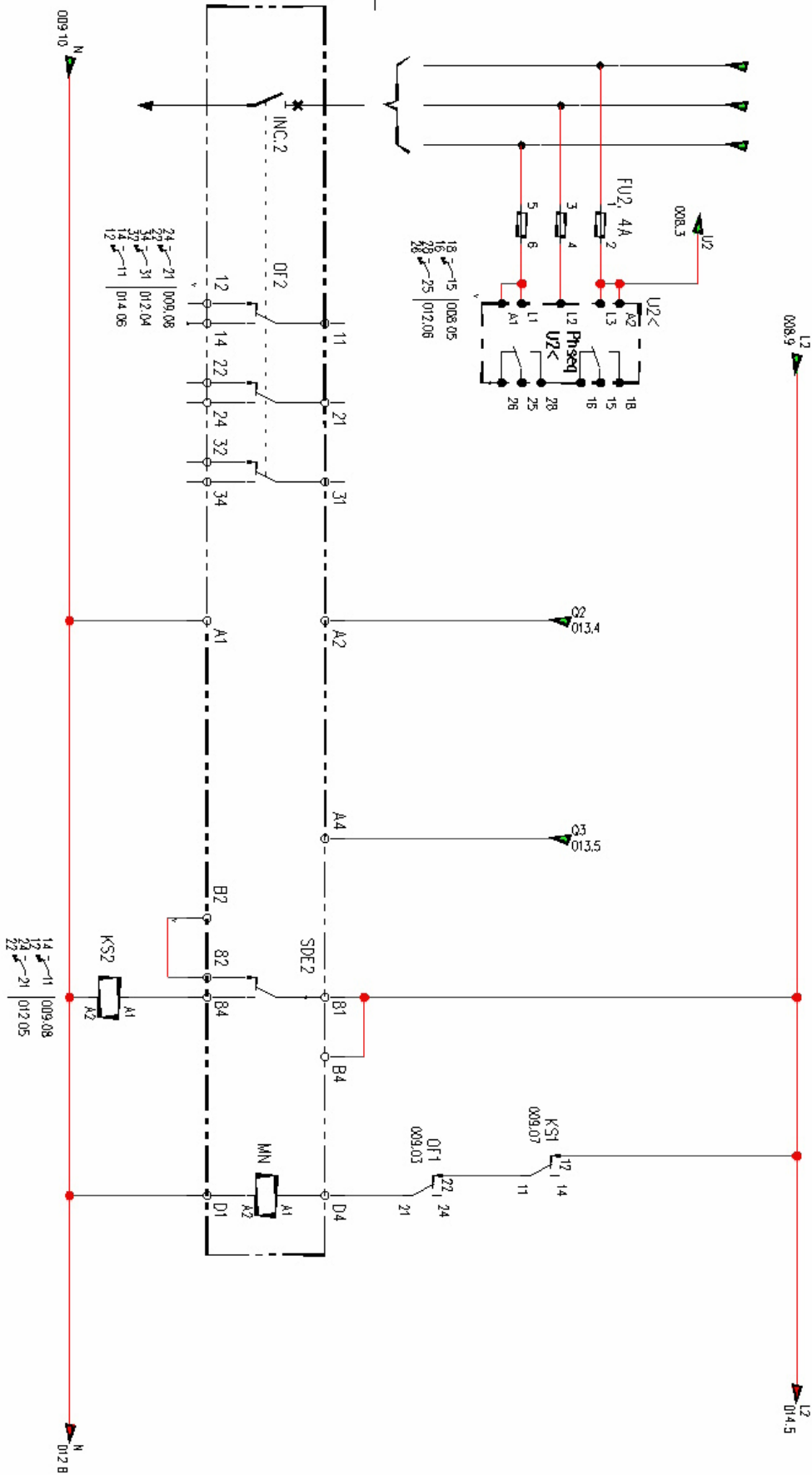


123456789
Propriété - Order N°
ZELIO

Indice
A
009/12

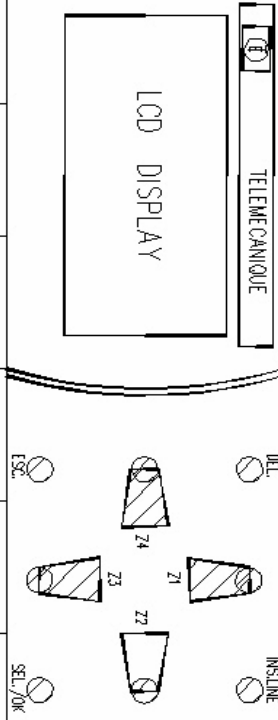
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ZELIO PLC

INPUT CONNECTION



Q1		Q2		Q3		Q4		Q5		Q6		Q7	
1	2	1	2	1	2	1	2	1	2	1	2	1	2

OUTPUT CONNECTION

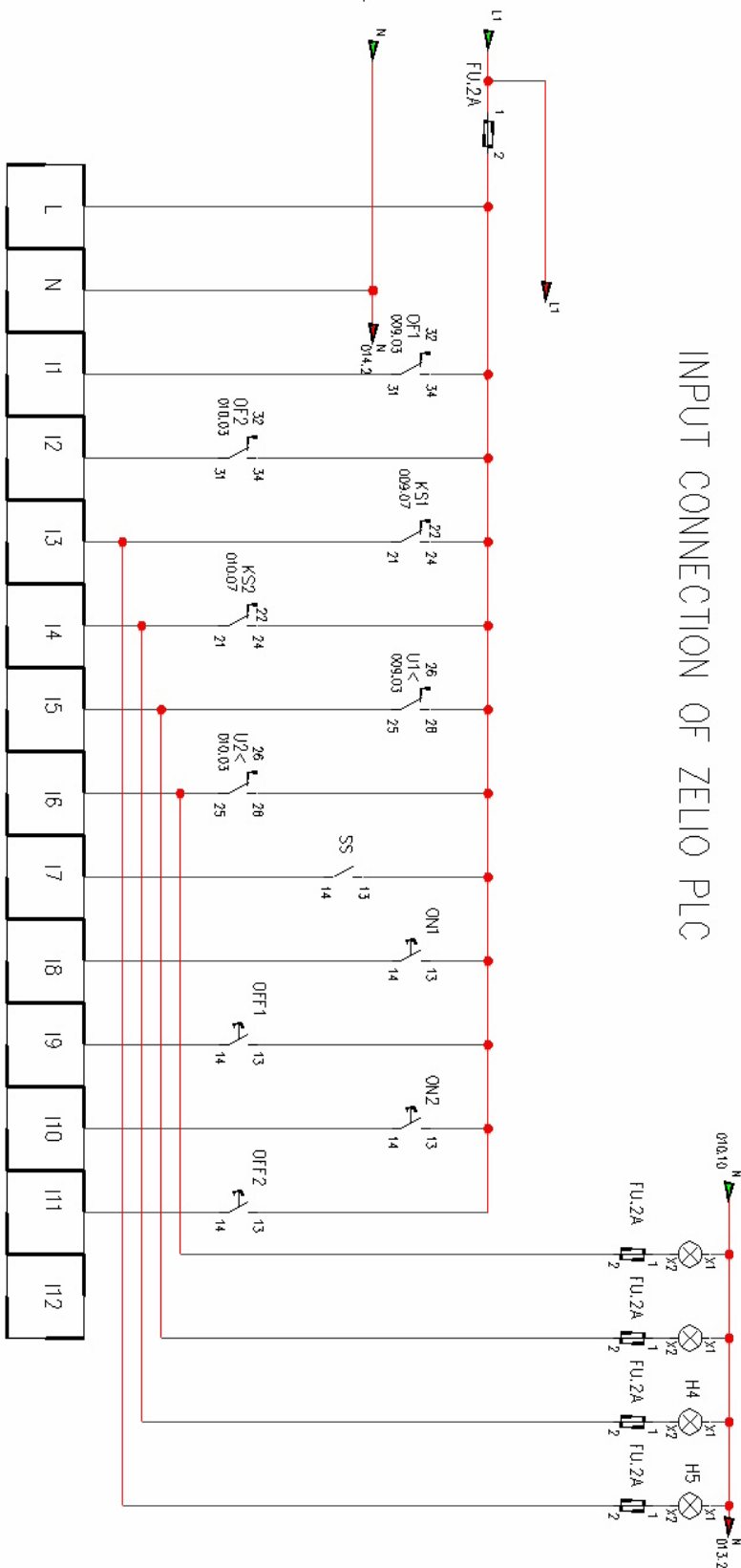
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ZELIO PLC

CUSTOMER: SCHNEIDER
PROJECT: SCHNEIDER
ITEM (**) :
ATS 1/2 NS(400-630) (ZELIO)

INPUT CONNECTION OF ZELIO PLC



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95/28 Document 1-27 sous IEC/EN 61131-2 - Schéma de connexion d'entrée

INPUT CONNECTION
CUSTOMER: SCHNEIDER
PROJECT: SCHNEIDER
ITEM: 1/2 (ZELIO)
K15 1/2 N31400-630



123456789
Proj - Order N°
ZELIO
A 07/12
Input from 10

OUTPUT CONNECTION OF ZELIO PLC

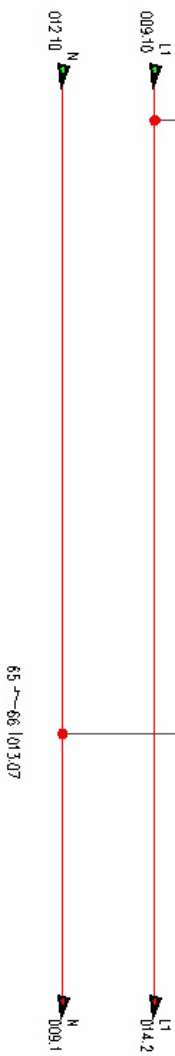
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	2	1	2	1	2	1	2
2	2	2	2	2	2	2	2

C.B.1
INC.1(Tr.)
CLOSE
009.5

C.B.1
INC.1(Tr.)
OPEN
009.6

C.B.2
INC.2(Tr.)
CLOSE
010.5

C.B.2
INC.2(Tr.)
OPEN
010.6



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OUTPUT CONNECTION

CUSTOMER: SCHNEIDER
PROJECT: SCHNEIDER
ITEM (**)
ATS 1/2 NSI(400-630) (ZELIO)



123456789

Proj - Order N°
ZELIO

9/1/08

Document 677 sous IEC/EN 61831 - Livret de schématisation électrique

Impression 1/3